APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Researches on Ethylenation. VI. Stereoisomerism of Thio and Sulfonyl Chloride Vinylogs, by Fernande Montanari, 13 pp.

ITALIAN, per, Gazz Chem Ital, Vol LXXXVI, 1956, pp 735-746.

CIA/FDD XX-534
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IAC INTERNAL USE ONLY 75, 299

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Chiusoli, G. P., Minisci, F., and Quilico, A.
C_{10} DIBASIC ACIDS DERIVED FROM DECALIN. Pt. 1 of Studies of the Oxidative Opening of Alicyclic Rings. [1962] 9p.
Order from ATS $14.40 ATS-72N56l

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1957, v. 87, p. 90-99.

DESCRIPTORS: *Dibasic acids, Carbon Oxidation, *Naphthalenes.

(Chemistry--Organic, TT, v. 8, no. 9)

62-12070

1. Title: Decalin
I. Chiusoli, G. P.
II. Minisci, F.
III. Quilico, A.
IV. Title: Studies . . .
V. ATS-72N56l
VI. Associated Technical Services, Inc., East Orange, N. J.

ATS/1018-IT

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Orsini, Paola Giordano and Jannelli, Liliana.
A STUDY OF THE SYSTEM PYRIDINE-BENZENE. NOTE II. CRYOSCOPIC BEHAVIOR. [1963] 21p. (figs. omitted) 15 refs.
Order from SLA $2.60 63-18010

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1957, v. 87, p. 159-170.

DESCRIPTORS: *Phase studies, Thermodynamics, Freezing, Molecular weight, *Pyridines, *Benzenes, Eutectics, *Dipole moments, Electric moments, Determination.

(Chemistry--Physical, TT, v. 10, no. 6)

63-18010

1. Title: Cryoscopy
I. Orsini, P. G.
II. Jannelli, L.
III. Title: Cryoscopic ...

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Berti, Giancarlo.
CONCERNING THE PROPERTIES OF DIBENZO (a, e) TROPYLIUM AND 5-PHENYLDIBENZO (a, e) TROPYLIUM. Nov 61 [27]p. [refs. omitted].
Order from SLA $2.60 62-14355

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1957, v. 87 [no. 3] p. 293-309.

DESCRIPTORS: *Cycloheptatriene derivatives, Benzoyl radicals, Phenyl radicals, Chemical properties, Spectrographic analysis, Dissociation, *Tropylium compounds.

The behavior is dismissed of sulfuric acid solutions of dibenzo [a, e] cycloheptatriene-5-ole and its 5-phenyl derivative, in which the dibenzotropylium and 5-phenyl-dibenzotropylium ions are present. Some reactions of these ions are reported, as well as the absorption
(Chemistry--Organic, TT, v. 8, no. 6) (over)

62-14355

1. Berti, G.

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Researches on As-naphthotriazines. Article No I: [1,2-a] -As-Naphthotriazine and [1,2-c] -As-Naphthotriazines. IX. On Asymmetrical Triazines, by Raffaello Fusco, Giuseppe Bianchetti, 13 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol LXXXVII, No 4, 1957, pp 438-445.

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Azothiobenzenes, by G. Leandri, P. Robora.

ITALIAN, per, Gazzetta Chimica Italian,
Vol LXXXVII, 1957, pp 503-509.

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Polymerization of Alpha Olefins; Report 2. Synthesis of Linear Isotactic and Non-Isotactic Polymers of Propylene; Report 3. Polymerization of Propylene With Different Stereospecific Catalysts, by Giulio Natta et al, 52 pp.

ITALIAN, per, Gazetta Chimica Italiana, Vol LXXXVII, No 5, 1957, pp 528-585.

PPI: AFSC-151-IT
- SLA 61-1648
PP 528-548.

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Phosphoric Esters of Vanillin and Some of Its Derivatives, by A. Segre, A. Larizza.

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Mechanisms of Hydration of Nitriles and Urea Catalyzed by Mercury Salts, 15 pp.

ITALIAN, per, Gazz Chim Ital, Vol LXXXVII, No 6, 1957, pp 673-681.

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SLA 59-10522

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Kinetics of the Hydrolysis of Acetonitrile Catalyzed by Mercury Salts, by G. Travagli, 8 pp.

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Spectroscopic Behavior of the NH Group of the Aromatic Amines in Infrared Light. 3rd Report. Oscillations of Deformation, by S. Califano, R. Moccia, 20 pp.

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Kinetic Comparison of the Action of Various Acids on the Catalytic Hydration of Acetonitrile, by Guiseppe Travagli, 9 pp.

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SIA 59-10555

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Magnetic Behavior and Absorption Spectrum of Chromous Acetate, by C. Furlani.

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AEC 228-IJ

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Papini, P[iero] Checchi, S[ilvio] and Ridi, M[ario]. RESEARCH IN THE GUANAZOL PYRAZOLIDINE SERIES. [1961] [13]p. 7 refs.
Order from SLA $1.60 61-20210

[Partial trans.] (p. 931-934, 936, 942) from Gazzeta Chimica Italiana, 1957 [v. 87, no. 7/8].

DESCRIPTORS: Synthesis, Chemical reactions, *Pyrimidines, *Phenyl radicals, *Hydrazines, *Guanidoacetic acids, *Azoles, *Alcohols, *Benzyl radicals, *Acetic acids, *Sodium compounds, *Hydroxides, Azo radicals

A description is given of the synthesis of [1-phenyl-5-imino-4'-oxo-5'-acetyl-(1, 2, 4-triazolidine)]-(2, 3; 2', 3')-3', 4'-dihydropyrimidine by the reaction of alcoholic sodium hydroxide with the ethyl ester of 1-phenyl-3, 5-diiminomethylene acetacetic acid (1, 2, 4-triazolidine) prepared by the reaction of the ethoximethylene (Chemistry--Organic, TT, v. 7, no. 9) (over)

61-20210

1. Title: Guanazol pyrazolidine series
I. Papini, P.
II. Checchi, S.
III. Ridi, M.

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Synthesis of Some Asymmetric Triazino Derivatives, by V. Sorio, P. Madonia.

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Researches on Ethylenation. XII. Stereospecific Synthesis of Cis and Trans-Beta-Aryl-Mercepto-Acrylic Acids and Respective Sulfones, by Fernando Montanari, Adriana Negrini, 16 pp.

ITALIAN, per, Gazz Chim Ital, Vol LXXXVII, 1957, pp 1073-1085.

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Chemical Investigations of the Aspergillus Glaucus Group. XIII. Echinulin, by A. Quilico, F. Piozzi, C. Cardani, 25pp. ITALIAN, per, Gazzetta Chimica Italiana, Vol 88, 1958, pp 125-148. CFSTI NRC C-4945.

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Stereospecific Polymerization of Alpha-olefins. Note IV. Polymerization of Propylene with Titanium Chlorides and Various Aluminum Trialkyls, by G. Natta, P. Pino, 13 p.

CFSTI TT-64-20116

ITALIAN, per, Gazz Chim Ital, 1958, Vol LXXXVIII, No 2, pp 219-228.

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Complexes of Ni With Stilbenediamine. Theory of th the Absorption Spectra of Diamagnetic Ni Complexes, by C. Furlani.

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ATS 226-LJ

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A Contribution to the Knowledge of Organometallic Compounds. Reactions Between Tetramethyl Lead, Tetraethyl Lead and $AuCl_3$, by Giuseppe Tagliavini, Gaetano Schievon, Umberto Belluco, 14 pp.

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SLA 59-10721

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Observations on the Absorption Spectra in the Near Ultraviolet of a Few Organic Sulfur Compounds and Corresponding Electron Transitions, by Angelo Mangini, 36 pp.

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Some Cobalt Complexes Containing Carbon Monoxide and Aromatic Hydrocarbons, by P. Chini, R. Ercoli.

ITALIAN, per, Gazz Chim Ital, Vol LXXXVIII, 1958, pp 1170-1182.

ATS 177-IJ

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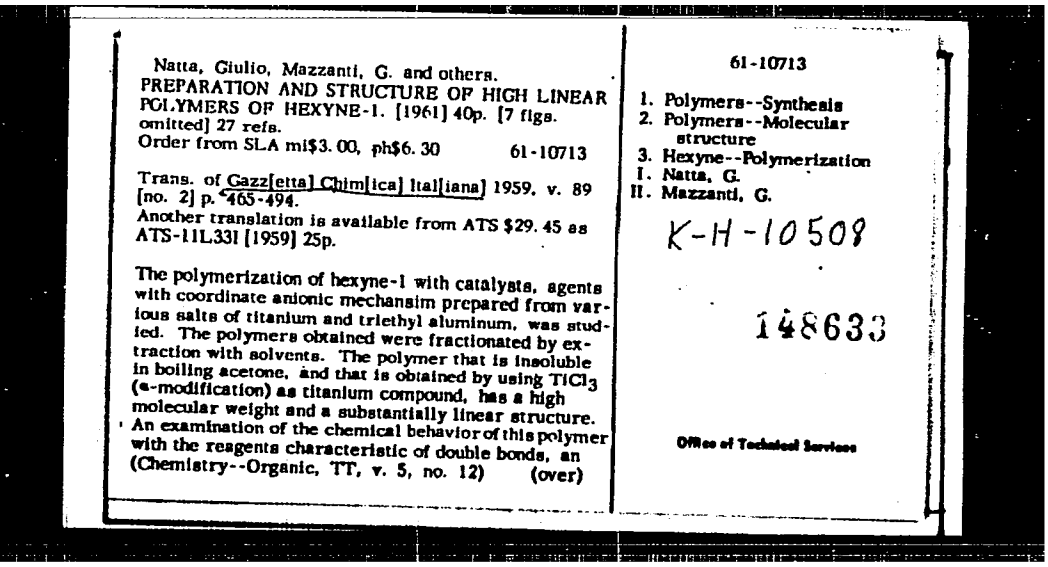

Natta, Giulio, Mazzanti, G. and others.
PREPARATION AND STRUCTURE OF HIGH LINEAR POLYMERS OF HEXYNE-1. [1961] 40p. [7 figs. omitted] 27 refs.
Order from SLA mi$3.00, ph$6.30 61-10713

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1959, v. 89 [no. 2] p. 465-494.
Another translation is available from ATS $29.45 as ATS-11L331 [1959] 25p.

The polymerization of hexyne-1 with catalysts, agents with coordinate anionic mechansim prepared from various salts of titanium and triethyl aluminum, was studied. The polymers obtained were fractionated by extraction with solvents. The polymer that is insoluble in boiling acetone, and that is obtained by using $TiCl_3$ (α-modification) as titanium compound, has a high molecular weight and a substantially linear structure. An examination of the chemical behavior of this polymer with the reagents characteristic of double bonds, an
(Chemistry--Organic, TT, v. 5, no. 12) (over)

61-10713

1. Polymers--Syntheais
2. Polymers--Molecular structure
3. Hexyne--Polymerization
I. Natta, G.
II. Mazzanti, G.

K-H-10508

148633

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Oxygen Pressure and Range of Stability of Non-Stoichiometric Oxides of Uranium of the Types UO_2 and U_4O_9., by A. Burdese.

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The Adsorption of O_2 on the Monomolecular Film of Co-Disalicylaldehydeethylenediimine, by Enzo Ferroni, Augusta Ficalbi. UNCLASSIFEED

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Ferroni, Enzo, Ficalbi, Augusta, and Gabriell, Gabriella.
MONOMOLECULAR FILMS OF PHOTOTROPIC COMPOUNDS, NOTE I. [1961] 6p. 20 refs.
Order from SLA $1.10 62-10054

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1959, v. 89 [no. 3] p. 756-[760].

DESCRIPTORS: Phenyl radicals, Azo radicals, Amines, Naphthyl radicals, *Monomolecular films, Films, Photochemistry, Isomeric transitions.

(Chemistry--Organic, TT, v. 7, no. 7)

62-10054

I. Ferroni, E.
II. Ficalbi, A.
III. Gabriell, G.

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Stereospecific Polymerization of Conjugated Dialefins with Catalysts Containing Different Lattice Structural Forms of $TiCl_3$, by Guillo Natta Lido Porri, Leonardo Fiore, 15 p.

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SLA 59-20016

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Isotactic Polymers of Methyl-Substituted Styrenes,
by Dario Sianesi, Giulio Natta, Ferdinando Danusso, 10 P

ITALIAN, per, Gazzetta Chimica Italiana, 1959,
Vol LXXXIX, No 3, PP 775-783.

SLA 60-10820

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Radiographic Identification of Some Isotactic Polymers, by Giulio Natta, Paolo Corradini, Ivano Walter, 15 p.

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SLA 60-10701

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Interpretation of the Infrared Spectrum of Isotactic Polypropylene, by Mario Peraldo, 17 pp.

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Nucleophilic Reactions of Ethylene Derivatives, II. Mechanism of the Displacement of Chlorine in 1-Arylsulfonyl-2-Chloroethylenes; Reactions With Alkoxides, by L. Maioli, G. Modena, 10 pp.

ITALIAN, per, Gazzetta Chimica Italiana, 1959, Vol LXXXIX, No 3, pp 854-865.

ATS-25,1-IJ
ATS-62M38I

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Nucleophilic Reactions of Ethylenic Compounds. III. Mechanism of the Displacement of Chlorine in 1-ArylsuXlfonyl-2-Chloro-Ethylenes; Reactions With Thiophenoxoides and Sodium Azide, by G. Modena, P. E. Todesco, 10 pp.

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Nucleophilic Reactions of Ethylenic Compounds. IV. Mechanism of the Displacement of Chlorine in 1-Arylsulfonyl-2-Chloroethylenes; Reactions With Primary and Secondary Amines, by G. Modena, P. E. Todesco, S. Tonti, 8 pp.

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ATS-03M38I
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Reactions of Carbon Monoxide; The Function of Nickel Carbonyl in Some New Syntheses, by G. P. Chiusoli, 5 pp.

(Italian)

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ATS-09M38I

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ATS 1004-I3
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Investigation of Ethylene Substitution. XVI. Stereochemistry of Nucleophilic Substitutions in 1-Halo-2-Arylsulfoxyethylenes, by F. Montanari, A. Negrini, 5 pp.

ITANIALM, per, Gazzetta Chimica Italiana, Vol LXXXIX, No 7/8, 1959, pp 1543-1547.

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Reactions of N'(b-Phenylethyl) Biguanide,
by A. Dansi, C. Zanini, 5pp

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ATS-43M42I
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Preparation and Structure of Linear High Polymers of 1-Hexyne, by G. Natta et al.

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Oxygen Pressure and Range of Stability of Non-Stoichiometric Oxides of Uranium of the Type of UO_2 and U_4O_9, by Aurelio Burdese, 22 pp.

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Interpretation of the Infrared Spectrum of Isotactic Polypropylene, by Mario Peraldo, 17 pp.

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RIS 97070

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The Effect of Bromoform and Chloroform on Some Pyrroles, by O. Bocchi.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XXX, No 1, 1960, pp 89-96.

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Research on 4-OXY-Coumarin and its Derivatives. Report No. 1. Synthesis of Coumofuranic Compounds Belonging to the4H-Furo (3,2-c)-(1)-Benzopyran System, by S. Checchi.
ITALIAN, per, Gazzeta Chimica Italiana, Vol 90, 1960, pp 295-303.
NTC 72-10507-07C

Apr 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Nitroso-Imidazoles. Action of Phenyl Hydrazine. Note VII, by M. Ruccia, G. Natale, S. Cusmano, 7 pp.

ITALIAN, per, Gazzetta Chemica Italiana, Vol LXXXX, 1960, pp 831-837.

NIH 9.4-61

178,813

Sci - Med

Jan 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Etude Thermogravimetrique du Mecanisme de Debaronatation, en Atmosphere de CO_2, des Carbonates de Magnesium Anhydres, by B. Visintin, M. Cignitti, 10 pp.

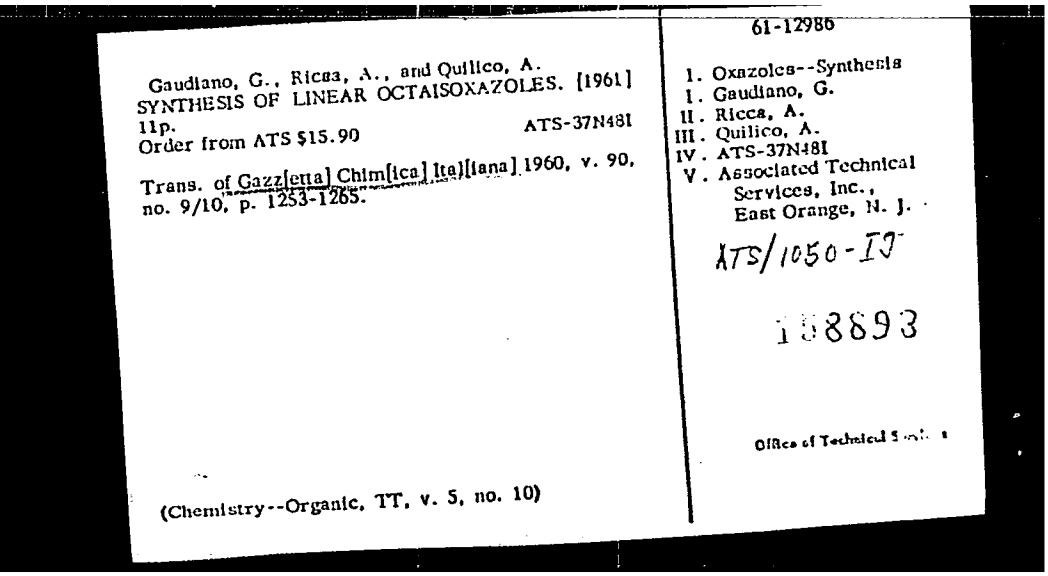
ITALIAN to FRENCH, per, Gazz Chim Ital, Vol XC, No 5/6, 1960, pp 863-870. 9069327

CEA X-417
Revserse Translation

Sci
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7



Gaudiano, G., Ricca, A., and Quilico, A.
SYNTHESIS OF LINEAR OCTAISOXAZOLES. [1961]
11p.
Order from ATS $15.90 ATS-37N48I

Trans. of Gazz[etta] Chim[ica] Ita[liana] 1960, v. 90, no. 9/10, p. 1253-1265.

(Chemistry--Organic, TT, v. 5, no. 10)

61-12986

1. Oxazoles--Synthesis
I. Gaudiano, G.
II. Ricca, A.
III. Quilico, A.
IV. ATS-37N48I
V. Associated Technical Services, Inc., East Orange, N. J.

ATS/1050-IV

158893

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

On the Various Crystalline Modifications of Diethyl Malonyl Urea, by A. Braibanti, 6 pp.

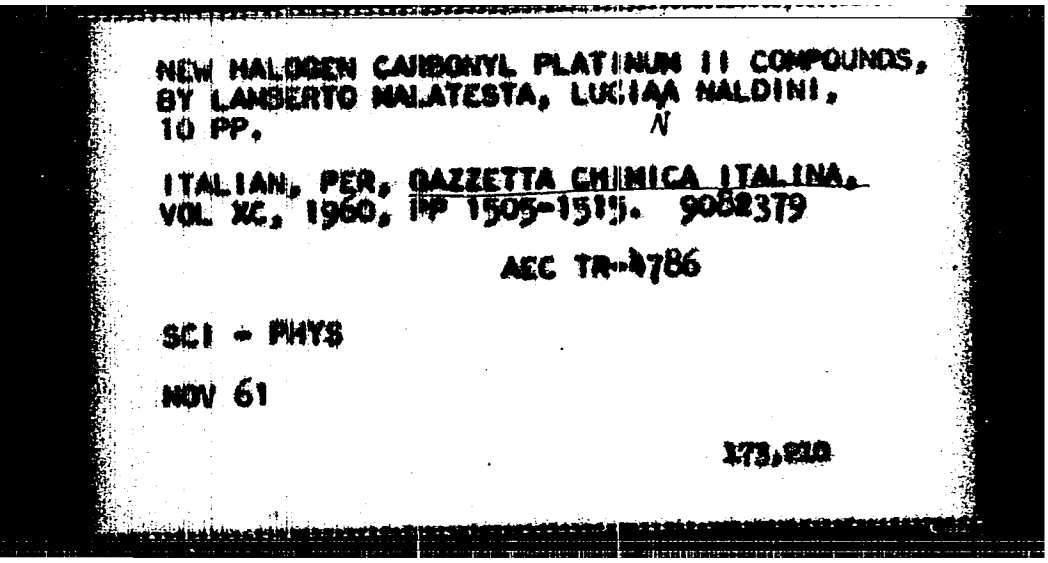
ITALIAN, per, Gazzetta Chimica Italiana, No 90, 1960, pp 1394-1398.

NIH 10-25-63

Sci - Biol & Med 243,556
Nov 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7



NEW HALOGEN CARBONYL PLATINUM II COMPOUNDS,
BY LANBERTO MALATESTA, LUCIAA NALDINI,
10 PP.

ITALIAN, PER, GAZZETTA CHIMICA ITALINA,
VOL XC, 1960, PP 1505-1515. 9082379

AEC TR-4786

SCI - PHYS

NOV 61

173,210

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

The Reaction Products of Penta-Iodocarbonyl Iridiate (III) of Potassium With Ammonia and the Aliphatic Amines, by Luciana Naldini, 5 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XC, 1960, pp 1516-1521. 9093630

AEC Tr-4784

177,403

Sci - Chem
Dec 61

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia. I. Thermodynamic Measurements, by Leonello Paoloni, 22 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XC, 1960, pp 1682-1699. 9201239

AEC UCRL Tr 861(L)

Sci - Chem

Jan 63

21943

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Effect of Irradiation on the Exchange Reaction [illegible] Tritium and Organic Compounds - Part III, by [illegible] Cacace, Elvira Possagno, 5 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol [illegible] 1960, pp 1800-1806. 9092282

AEC tr-4710

Sci - Chem
Nov 61

17.2,4.2/

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia. II. Electrochemical Measurements, by Leonello Paoloni, 11 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XCI, 1961, pp 121-144. 9201239

AEC UCRL Tr 861(L)

Sci - Chem

Jan 63

21 495

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia.
III. Magnetic Measurements, by Leonello Paolini,
22 pp.

ITALIAN per, Gazzetta Chimica Italiana, Vol XCI,
1961, pp 412-427. 9201239

AEC UCRL Tr 861(L)

Sci - Chem

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Jan 63

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Pajaro, Gastone, and Baldi, Luciano.
KINETICS OF THE ISOTOPE EXCHANGE BETWEEN TRIISOBUTYLALUMINUM AND ISOBUTYLENE.
[1961] 2750 words, 18 refs.
Order from CTS (Chem) $11.00 CTS(Chem)-239
subsequent copies $1.80/ea

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1961, v. 91, p. 493-503.

DESCRIPTORS: Metalorganic compounds, *Aluminum compounds, *Butyl radicals, Aluminum, *Butenes, Exchange reactions, Reaction kinetics, Pyrolysis, Radioactive isotopes.

(Chemistry--Organic, TT, v. 7, no. 7)

62-12297

I. Pajaro, G.
II. Baldi, L
III. CTS(Chem)-239
IV. Chemical Translations Service, Palo Alto, Calif.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

On Solutions of the Alkali Metals in Liquid Ammonia Note IV: Spectroscopic and Photochemical Measurements. X-Ray Diffraction, by Leonello Paoloni, 10 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XCI, 1961, pp 518-528. 9097033

AEC UCRL Tr-741

Sci - Chem
Apr 62

190,508

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia

Part V. Chemical Characteristics, by Leonello Paoloni, 8 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XCI, 1961, pp 529-536, 9207687.

AEC-UCRL-Tr-944(L)

Sci - Chem
Jun 63

231,900

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Sciaky, Robert.

SYNTHESIS OF 6-SUBSTITUTED ANALOGS OF STEROID HORMONES. 2 July 61 [12]p. 21 refs. Order from SLA $1.60

62-14911

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1961, v. 91 [no. 5] p. 545-561.

DESCRIPTORS: Synthesis, Progesterone, *Hormones, *Steroids, Hydroxides, Alkoxy radicals, Chlorides, Substitution reactions.

Synthesis of 6-substituted derivatives of 17α-acetoxyprogesterone is described. The substituents are hydroxyl, methoxy and chloro. Also described is a new synthesis of 6-chloro-6-dehydro-17α-acetoxyprogesterone. (Author)

(Biological Sciences--Biochemistry, TT, v. 9, no. 3)

62-14911

I. Sciaky, R.

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Sciaky, Robert.
SYNTHESIS OF 16β-METHYL-17α-ACETOXYPROGESTERONE. [8 July 61] 5p. 7 refs.
Order from SLA $1.10 62-14959

Partial trans. (p. 567-570) of Gazz[etta] Chim[ica] Ital[iana] (Italy) 1961, v. 91 [no. 5] p. 567-570.

DESCRIPTORS: Synthesis, Hormones, *Steroids, *Progesterone, Methyl radicals, Acetyl radicals.

By the action of CH_3MgI on 16α, 17α-epoxy-5-pregnen-3β-ol-20-one-3-acetate-20-ethyleneketal there is obtained, after saponification of the ketal, 16β-methyl-17α-hydroxypregnenolone (I). I is then converted into 16β-methyl-17α-acetoxyprogesterone. (Author)

(Biological Sciences--Biochemistry, TT, v. 9, no. 3)

62-14959

I. Sciaky, R.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Ruggieri, P. de, Gandolfi, C., and Chiaramonti, D. SYNTHESIS OF PRIMARY AMINES FROM N-SUBSTITUTED IMIDO-ESTERS. 31 Aug 61 [6]p.
Order from SLA $1.10 62-14909

[Condensed] trans. of Gazz[etta] Chim[ica] Ital[iana] (Italy) 1961, v. 91 [no. 6/7] p. 665-671.

DESCRIPTORS: *Amines, Synthesis, *Imides, *Esters Chemical reactions, Metalation

A new synthesis is described for primary amines via reduction with sodium-zinc amalgam of N-substituted imido-esters. The course of the reaction and its advantages are discussed. (Author)

(Chemistry--Organic, TT, v. 8, no. 9)

62-14909

I. Ruggieri, P. de
II. Gandolfi, C.
III. Chiaramonti, D.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Ruggieri, P. de, Ferrari, C., and Gandolfi, C. STEROIDS. X. 16-METHYLANDROSTANES: 16 α - AND 16 β -METHYLTESTOSTERONE, -DIHYDRO-TESTOSTERONE AND THEIR HOMOLOGS. [22 Nov 61] 11p. (15 refs. omitted).
Order from SLA $1.60 62-14958

Partial trans. (p. 691-705) of Gazz[etta] Chim[ica] Ital[iana] 1961, v. 91 [no. 6/7] p. 686-705.

DESCRIPTORS: *Steroids, *Androgens, *Testosterone, *Hormones, Methyl radicals, Synthesis.

There is described the preparation of 16α and 16β-methyltestosterones, -dihydrotestosterones and their 17α-methyl homologs by routes already in the literature for the non-methylated compounds. The steric configuration at C-16 and C-17 is clarified. (Author) (See also 62-14910)
(Biological Sciences--Biochemistry, TT, v. 9, no. 3)

62-14958

I. Ruggieri, P. de
II. Ferrari, C.
III. Gandolfi, C.
IV. Title: 16-Methyl-androstanes ...

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Further Research on Photolysis and Photochemical Synthesis in Amino-Acids, by T. Pavolini. ITALIAN, per, Gazzetta Chimica Italiana, No 91, 1961, pp ~~16-736~~ 706 - 716
CSIRO/No 7156

Sci -
Aug 67

336,742

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia
Part VI. Theoretical Explanation, by Leonello
Paoloni. 17 pp.

ITALIAN, per, Gazzette Chimica Italiana, Vol XCI,
1961, pp 787-803. 9207634

AEC-UCRL-Tr-902(L)

Sci - Chem
6 Jun 63

231,879

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Research on Enamines. Rept. 1. Reactions with Phenylisocyanate and Phenylisothiocyanate, by Raffaello Fusco, Giuseppe Bianchetti, Silvano Rossi, 29pp
ITALIAN, per, Gazzetta Chimica Italiana, Vol 91, 1961, pp 825-840
SIA TT-65-10076

Sci - Chem
June 67 328,928

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Solutions of Alkali Metals in Liquid Ammonia. Part VII. The Electron Structure of the Species Present in Sodium Solutions, by Leonello Paoloni, 19 pp.

ITALIAN, per, Gazzetta Chimica Italiana, Vol XCI, 1961, pp 1063-1084. (9206274)

AEC-UCRL-Tr-903(L)

Sci - Chem

Jun 63

934,301

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Nitrosyl HNO Action on Ketonic Compounds,
by G. Di Maio, P. A. Tardella, 10 pp.
ITALIAN, per, Gazzetta Chimica Italiana, Vol XCI, 1961,
pp 1124-1132.

NIH 12-21-63

Sci - Chem
Feb 64

250,190

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Freni, Maria and Valenti, Venanzio.
TRIPHENYLPHOSPHINIC HYDRIDES OF RHENIUM.
[1962] 11p. 7 refs.
Order from SLA $1.60 62-18911

Trans. of Gazzetta Chimica Italiana, 1961, v. 91 [no. 12] p. 1357-1364.

DESCRIPTORS: *Complex compounds, *Rhenium compounds, Phenyl radicals, *Phosphines, Halogen compounds, *Hydrides, Synthesis, Transition elements.

In the reaction between $Re(PR_3)_2X_2$ and $NaBH_4$ in ethyl alcohol, one directly obtains compound $H_3Re(PR_3)_2 \cdot 2C_2H_5OH$ which, recrystallized by benzol, yields $H_3Re(PR_3)_2$ in red crystals. The same reaction, in the presence of an excess of triphenylphosphin, yields yellow $H_3Re(PR_3)_4$. These hydrides, when treated with
(Chemistry--Organic, TT, v. 9, no. 10) (over)

62-18911

I. Freni, M.
II. Valenti, V.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Electronic Structure and the Ionization Potential of Vinyl Fluoride, by G. Favini. ITALIANA, per, Gazzetta Chimica Italiana, Vol 92, No 2/3, 1962, pp 244-252.
SLA TT-66-10343

Sci-Chem
Sept 66 310,375

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Pregaglia, G., Peraldo, M., and Binaghi, M. POLYDIMETHYLKETENE WITH A POLYKETONIC STRUCTURE. Jan 63, 3900 words, 14 refs. Order from CTS(Chem) $15.60 CTS(Chem)-314 subsequent copies $2.60/ea.

Trans. of Gazz[etta] Chim[ica] Italiana, 1962, v. 92 [no. 6] p. 488-500.

DESCRIPTORS: Polymers, *Ketenes, Methyl radicals, Synthesis, Friedel-crafts reaction, Crystals, Molecular structure, Ketones.

(Chemistry--Organic, TT, v. 9, no. 6)

63-12659

I. Pregaglia, G.
II. Peraldo, M.
III. Binaghi, M.
IV. CTS(Chem)-314
V. Chemical Translating Service, Palo Alto, Calif.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Photochemical Transformations of Amino Acids
in the Solid State, by R. Cultrera.
ITALIAN, per, Gazzetta Chimica Italiana, Vol 92,
1962, pp 519-521.
NTC-71-12205-07E
+Nasa TT F 12,989

Nov 71

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Research on Wackenroder's Reaction.
Note II. On the Mechanism of the
Formation of Internal Sulfur in
Polythionic Acids, by R. Barbieri.
ITALIAN, per, Gazzetta Chimica Italiana,
Vol 92, 1962, pp 660-675
NTC 72-12316-07B

July 72

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Triphenylphosphinic Hydrides of Iridium,
by Maria Angoletta, 12pp.
ITALIAN, per, Gazzetta Chimica Italiana,
Vol 92, No 8, 1962, pp 811-817.
CFSTI TT-64-18602.

322,315

Sci - Chemistry
Mar 67

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Sartori, Guido.
RECENT ADVANCES IN THE CHEMISTRY OF COMPLEXES. Paper presented at the National Congress of Chemistry (no. 9) held jointly with the Swiss Chemical Society, Naples, 27 May-2 June 62. [1963] 7200 words, 58 refs.
Order from CTS(Chem) $28.80 CTS(Chem)-333
subsequent copies $4.80/ea.

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1962, v. 92, no. 9, p. 916-950.

DESCRIPTORS: *Complex compounds, Chemistry, *Chemical bonds, Theory, *Molecular structure, *Stereochemistry, *Reaction kinetics, Stability, Synthesis.

(Chemistry, TT, v. 10, no. 2)

63-17436

I. Sartori, G.
II. Title: National...
III. Title: Swiss...
IV. CTS(Chem)-333
V. Chemical Translating Service, Palo Alto, Calif.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Palazzo, Francesco Carlo.
THE SUPPOSED TAUTOMERISM OF SULFUROUS ACID (PRELIMINARY NOTE). [1963] 13p 8refs
Order from SLA $1.60 TT-64-10501

Trans. of Gazzetta Chimica Italiana, 1962, v. 92, no. 11, p. 1189-1197. (Abstract available)

DESCRIPTORS: *Sulfur compounds, Dioxides, Inorganic acids, Sulfites, *Molecular isomerism, *Chemical bonds,

Taking under examination the old question of the structure of alkaline sulfites, already amply discussed fifty years ago, and taking into account new facts not considered at that time (electronic theory of valency, recent advances of organic chemistry with regard to tautomerism), the author comes to the conclusion that the "tautomerism" presumed for free sulfurous acid cannot by any means be considered as proven. (Author)
(Chemistry--Inorganic, TT, v. 11, no. 9)

TT-64-10501

1. Title: Sulfurous acid
2. Title: Tautomerism
I. Palazzo, F. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Photochemical Transformations of Amino Acids in the Solid State, by R. Cultrera, F. Fullin. 5 pp
GOVERNMENT USE ONLY
ITALIAN, per, Gazetta Chimica Italiana, Vol 92, No 6, 1962, pp 519-521.
NASA TT F 12989

sci/chemistry
aug 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Investigation of the Structure of Proteins. Rept.6. Progressive Degradation of Polypeptide Chains Starting ffom Terminal Amino Acid. Preparation of Chloronitropyridine and Chloronitropyrimidine and their Activity with Amino Acids, by A.Signor and E.Scoffone.
ITALIAN, per, Gazzetta Chimica Italiana, Vol.93, No.1/2, pp.65-72, 1963.
/SLA-TT-66-11299

B/M
Sept 66

309,279

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Investigation of the Structure of Proteins. Rept.7. Progressive Degradation of Polypeptide Chains Starting from Terminal Amino Acid. Preparation of Nitropyrimidyl Amino Acids, by A.Signor and E.Scoffone.
ITALIAN, per, Gazzetta Chimica Italiana, Vol.93, No.1/2, pp.73-80,1963.
SLA-TT-66-11298

B/M
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Investigation of the Structure of Proteins. Rept.8 Progressive Degradation of Polypeptide Chains Starting From N-Thermal Amino Acid. Preparation of Nitropyrimidyl Amino Acids, by E.Scoffone and A.Signor.
ITALIAN, per, Gazzetta Chimica Italiana, Vol.93, No.1/2,pp.81-89, 1963.
SLA-TT-66-11297

B/M
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309,277

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Investigations on the Structure of Proteins. X
Behavior of Amino Acids with Respect to Ozone,
by Aldo Previero, 11 pp.
ITALIAN, per, Gazzetta Chimica Italiana, Vol 93,
1963, pp 841-848.
AEC/UCRL-Tr-1415-70

Sci/Chem
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Investigations on the Structure of Proteins. XI. Modifications of the Tryptophan Residue in the Peptide Chain, by Also Previero, 13 pp. ITALIAN, per, Gazzetta Chimica Italiana, Vol 93, 1963, pp 849-858. AEC/UCRL-Tr-1416-70

Sci/Chem
Dec 70

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

TT-65-13465 Field 7C

Valcavi, U.; Campanella, G.; Pacini, N.
PYRAZOLE DERIVATIVES OF TETRACYCLINE AND CHLORTETRACYCLINE (Pirazol Derivati della Tetraciclina e Clorotetraciclina). 20p, 13refs.
Order from SLA: $1.60 as TT-65-13465

Trans. of Gazzetta Chimica Italiana, v93 n7 p916-18 1963. Paper presented at the National Congress of Chemistry (no. 9) held jointly with the meeting of the Swiss Chemical Society, Naples, 27 May - 2 June 62.

I. Title: National ...
II. Title: Swiss ...

MR 656

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Preparation of Glucose-6-Phosphate Uniformly kLabelled With ^{14}C, by P. Betto, L. Longinotti, 8 pp. ITALIAN, per, Gazzetta Chimica Italiana, Vol XCIII, 1963, pp 1192-1195. 922 3553
AEC-NP-Tr-1250

Sci-Chem
Sep 64

265,874

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401170080-7

Photochemical Transformation of Aspartic Acid in an Aqueous Solution, by G. Ferrari.
ITALIAN, per, Gazzeta Chimica Italiana, Vol 94, 1964, pp 223-228.
NTC 72-10210-07E
NASA TT F 13079

Apr 72

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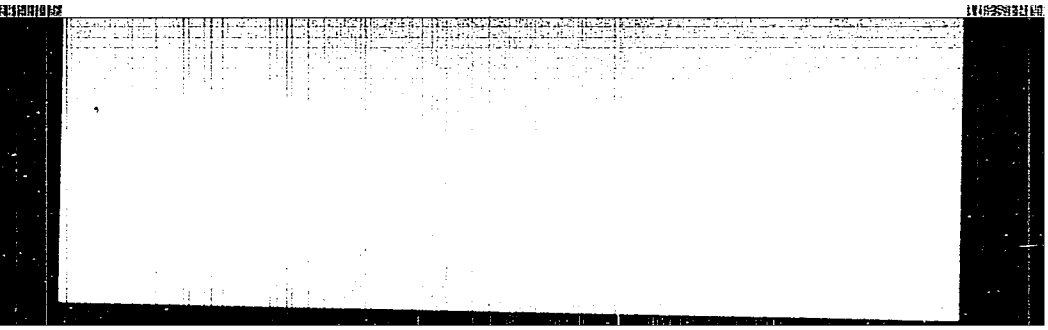

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Trans. of Gazz[etta] Internaz[ionale di] Med[icina e] Chir[urgia] (Italy) 1960, v. 65, p. 2831-2837.

DESCRIPTORS: Therapy, *Hypertension, *Pregnancy, Drugs, *Guanethidine, Diuretics.

In the treatment of toxemia of pregnancy hypotensive therapy although it does not represent causal therapy plays a role of particular importance. Aside from counteracting the hypertension it also overcomes the vascular constriction and improves cardiac dynamics. (Biological Sciences--Pharmacology, TT, v. 8, no. 11)
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DESCRIPTORS: *Diuretics, Drugs, Therapy, Potassium, Excretion, Urine, *Chlorothiazide diuretics, Vasoactive agents, Sympatolytic agents.

Experiments on the diuretic action of cyclopenthiazide prove clearly that the therapeutic action of the drug is undoubtedly different from that of hydrochlorothiazide in a positive sense. Its activity can be compared with that of the most recent thiazide derivatives; its truly slight influence on potassium excretion seems even to be less than that exerted by these latter preparations. (Biological Sciences--Pharmacology, TT, v. 10, no. 2)
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Title: Influence of curare-like actions of drugs used in therapy

Author: Pasco - Gen. Intern. Med. Chir. 69: 2161-70, 1964, 10p.

Language: Italian 10pp

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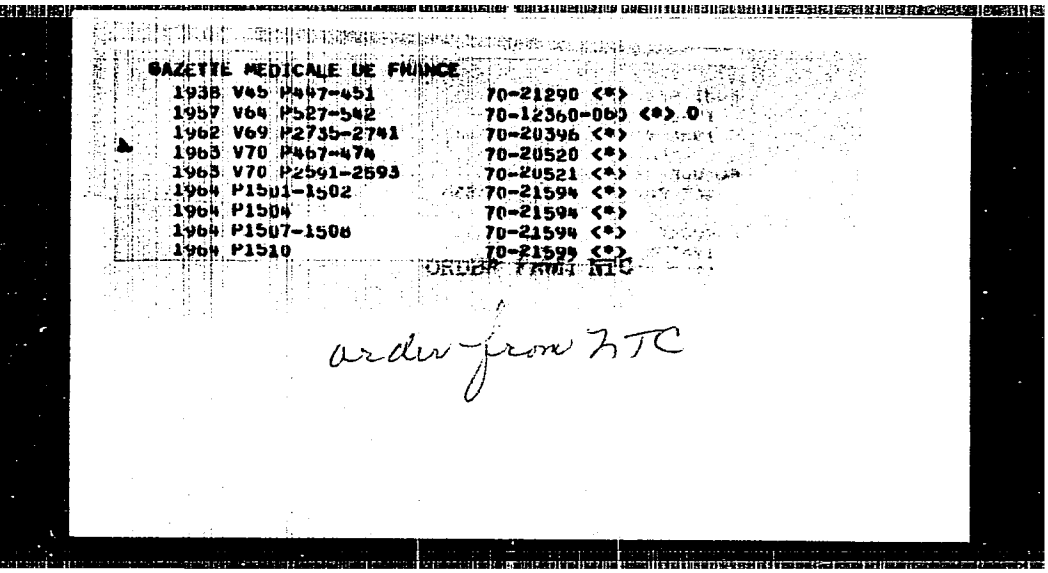

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